

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2018 Levee Inspection Results**

**Reclamation District No. 0900 West Sacramento**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection  
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2018 Levee Inspection Results**

**Reclamation District No. 0900 West Sacramento**

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	7.70
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/13/2018 - 3/13/2018			
DWR Inspector	Dave Torres			
Accompanied By	Chris Fogel RD 900			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/13/2018 03/13/2018	Dave Torres

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>6</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_RD0900_01_s _ 2013_6				
Comment Code					
Inspector Comment					
This LMA has the updated O&M manuals for the district.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>12</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_RD0900_01_s _ 2013_12				
Comment Code					
Inspector Comment					
This LMA has an adequate amount of sandbags, sand and various flood fight supplies in their possession.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>16</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
DWR ID	DWR_RD0900_01_s _ 2013_16				
Comment Code					
Inspector Comment					
The crews in this LMA have taken the flood fighting training course provided by DWR.					

No Photos

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/13/2018 03/13/2018	Dave Torres

LM Start	0.00	Rating **	A/W	Issue No.	23
LM End	1.99	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580928 °	38.559154 °
				-121.509689 °	-121.517741 °
DWR ID	DWR_RD0900_01_s_2013_23				
Comment Code					
MA : Material					
Inspector Comment					
This section of the levee is considered high ground and was not inspected during this inspection season but will be inspected in the future inspection season. CVFPB has documentation on this issue.					

No Photos

LM Start	0.01	Rating **	M	Issue No.	344
LM End	0.01	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580796 °	38.580796 °
				-121.509763 °	-121.509763 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37918 DS_ID:17808 EP_NO: 17083 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: *NOT INSTALLED* To place an 8-inch-diameter steel conduit containing fiber optic cables across and under (bored) the Sacramento River. Permit No. 17083, 2000 - AT&T Local Services. Applicant abandoned the project-pipe was not installed. FS Date: 10/5/2009					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/13/2018 03/13/2018	Dave Torres

LM Start	0.11	Rating **	M	Issue No.	345
LM End	0.11	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.579371 °	38.579371 °
				-121.510362 °	-121.510362 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37919 DS_ID:17852 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: Unknown crossing near Hasletts Warehouse. As-built drawing available/found. [Additional Reference(s): USACE Sacramento O&M Manual Unit No. 116, August 1955, revised 2011, (River Mile 58.92), As-built drawing# 6-13-1100 page 1, January 1933] FS Date: 10/5/2009					

No Photos

LM Start	0.78	Rating **	M	Issue No.	346
LM End	0.78	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.571716 °	38.571716 °
				-121.517344 °	-121.517344 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37921 DS_ID:17779 EP_NO: 14732 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: *ABANDONED* 24-inch natural gas line under both levees and the Sacramento River through the levee, 25 feet below the river bed (minimum). (two existing 8-inch pipes were grouted in place and replaced with a 24-inch pipe work authorized under Permit No. 14732, 1987 - Pacific Gas and Electric Company [PG&E]) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/13/2018 03/13/2018	Dave Torres

LM Start	0.86	Rating **	M	Issue No.	347	
LM End	0.86	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.570793 °	38.570793 °	
				-121.518314 °	-121.518314 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37922						
DS_ID:17807						
EP_NO: 2596						
Repair Type: Non-Urgent						
Crossing Status: Not Found						
UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA.						
FIELD_STRUCT_DESC: 24-inch reinforced concrete storm sewer outlet through the levee at an unknown depth below the crown. Flap gate on the waterside (WS) of the levee. (24-inch pipe authorized under Permit No. 2596, 1958 - Ideal Cement Company)						
FS Date: 10/5/2009						

No Photos

LM Start	0.95	Rating **	M	Issue No.	348
LM End	0.95	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.569864 °	38.569864 °
				-121.519370 °	-121.519370 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37923 DS_ID:17804 EP_NO: 2384 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: 12-inch steel gas line through the levee, 3.0 ft below the levee crown. Gas line crossing sign and concrete valve pit are located on the waterside (WS) of the levee. (two 12-inch pipes authorized under Permit No. 2384, 1956 - Pacific Gas and Electric Company [PG&E]) FS Date: 10/5/2009					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/13/2018 03/13/2018	Dave Torres

LM Start	0.95	Rating **	M	Issue No.	349
LM End	0.95	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.569864 °	38.569864 °
				-121.519370 °	-121.519370 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37924 DS_ID:17842 EP_NO: 2384 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: 12-inch steel gas line through the levee, 3.0 ft below the levee crown. Gas line crossing sign and concrete valve pit are located on the waterside (WS) of the levee. (two 12-inch pipes authorized under Permit No. 2384, 1956 - Pacific Gas and Electric Company [PG&E]) FS Date: 10/5/2009					

No Photos

LM Start	0.98	Rating **	M	Issue No.	350	
LM End	0.98	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.569548 °	38.569548 °	
				-121.519738 °	-121.519738 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37925 DS_ID:17778 EP_NO: 11727 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: 6-inch drainage pipe of unknown material through the levee, 3.0 feet below the crown. Outfall pump station located on landside (LS). (6-inch pipe and 8-inch pipe authorized under Permit No. 11727 - Shell Oil Company) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009						

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/13/2018 03/13/2018	Dave Torres

LM Start	<b>1.10</b>	Rating **	M	Issue No.	<b>351</b>
LM End	<b>1.10</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.568165 °	38.568165 °	
			-121.521090 °	-121.521090 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37926 DS_ID:17806 EP_NO: 14211 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: 36-inch reinforced concrete drainage pipe through levee, 4 feet below the levee crown. (36-inch pipe authorized under Permit No. 14211, 1986 - Yolo County Department of Public Works) FS Date: 10/5/2009					

No Photos

LM Start	<b>1.16</b>	Rating **	M	Issue No.	<b>352</b>
LM End	<b>1.16</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.567401 °	38.567401 °	
			-121.521748 °	-121.521748 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37927 DS_ID:17777 EP_NO: 3397 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: 8-inch pipeline through the levee, 1.5 feet below the crown. Blowoff pipeline, well and pump plant on the landside (LS). (8-inch pipe and 14-inch diameter well authorized under Permit No. 3397, Washington Water & Light Company, [HLM 1.34], p. 26 of 28) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009					

No Photos

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/13/2018 03/13/2018	Dave Torres

LM Start	<b>1.46</b>	Rating **	M	Issue No.	<b>353</b>
LM End	<b>1.46</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.563274 °	38.563274 °
				-121.521419 °	-121.521419 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37932 DS_ID:17776 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: 18-inch vitrified clay sewage effluent pipe through the levee, 5 feet below the crown, outfall line from West Sacramento Sewage Plant. (18-inch pipe authorized under Permit No. 1425, 1949 - West Sacramento Sanitary District; manhole for 18-inch outfall referenced in Permit No. 7009, 1971 - West Sacramento Sanitary District). [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009					

No Photos

LM Start	<b>1.46</b>	Rating **	M	Issue No.	<b>354</b>
LM End	<b>1.46</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.563273 °	38.563273 °
				-121.521418 °	-121.521418 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37931 DS_ID:17843 EP_NO: 7009 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: 36-inch mortar lined and coated steel pipe/30-inch mortar lined and coated steel sewer outfall pipeline through the levee, 5 feet below the levee crown. (36-inch pipe authorized under Permit No. 7009, 1970 - West Sacramento Sanitary District). Pipe is approximately 5 ft. below the crown. [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/13/2018 03/13/2018	Dave Torres

LM Start	<b>1.48</b>	Rating **	M	Issue No.	<b>355</b>
LM End	<b>1.48</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.563012 °	38.563012 °
				-121.521250 °	-121.521250 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37930 DS_ID:17805 EP_NO: 17822 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: *REMOVED* Temporary outfall structure and 12-inch HDPE dewatering pipe through the levee at an unknown depth below the levee crown. (temporary outfall structure and 12-inch HDPE dewatering pipe across crown and (trenched) down waterside slope of the right (west) bank levee of the Sacramento River authorized under Permit No. 17822, 2004 - Sacramento Regional County Sanitation District, assumed temporary structure and dewatering pipe removed in 2006) FS Date: 10/5/2009					

No Photos

LM Start	<b>2.05</b>	Rating **	M	Issue No.	<b>36</b>
LM End	<b>2.05</b>	Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.557865 °	38.557865 °
				-121.518175 °	-121.518175 °
DWR ID	DWR_RD0900_01_s_2018_36				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair slope stability caused by vehicle traffic. This portion of the levee maintenance responsibility was transferred to the LMA last week (March 2018).					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/13/2018 03/13/2018	Dave Torres

LM Start	2.15	Rating **	M	Issue No.	356
LM End	2.15	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.556994 °	38.556994 °
				-121.516843 °	-121.516843 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37665 DS_ID:17772 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 42-inch drainage pipe of unknown material through the levee, 21.5 feet below the levee crown. Slide gate in concrete riser on the waterside (WS) slope. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/6/2009					

Photo 1 of 3 : UCIP\_SP\_2018\_37665\_68376.jpg



View of levee crown at crossing.

LM Start	<b>2.15</b>	Rating **	M	Issue No.	<b>356 (cont)</b>
LM End	<b>2.15</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2018\_37665\_68375.jpg



Air vent visible through dense vegetation.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspections**

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/13/2018 03/13/2018	Dave Torres

LM Start	2.15	Rating **	M	Issue No.	356 (cont)
LM End	2.15	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.556994 °	38.556994 °
				-121.516843 °	-121.516843 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37665 DS_ID:17772 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 42-inch drainage pipe of unknown material through the levee, 21.5 feet below the levee crown. Slide gate in concrete riser on the waterside (WS) slope. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/6/2009					

Photo 3 of 3 : UCIP\_SP\_2018\_37665\_68374.jpg



Dense vegetation along landward side.

LM Start	2.26	Rating **	A/W	Issue No.	17
LM End	3.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.555304 °	38.536946 °
				-121.516127 °	-121.519774 °
DWR ID	DWR_RD0900_01_s_2012_17				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 1 of 1 : SP\_2018\_RD0900\_230\_17\_20180301\_00009.jpg



View of the DWR environmental mitigation site.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/13/2018 03/13/2018	Dave Torres

LM Start	2.28	Rating **	M	Issue No.	21
LM End	2.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.555026 °	38.555026 °
				-121.516135 °	-121.516135 °
DWR ID	DWR_RD0900_01_s_2012_21				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

LM Start	2.35	Rating **	M	Issue No.	10
LM End	2.47	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.554277 °	38.552504 °
				-121.515263 °	-121.514752 °
DWR ID	DWR_RD0900_01_s_2016_10				
Comment Code					
Inspector Comment					
2007 - Have good berm width with minor toe erosion. Close to the levee toe protection, but levee slope is steep. 2011 - New large erosion pocket. 2012 - Minor new erosion at the toe. 2015: No observed changes. [2015 Site ID: SAC_56-7_R]					

Photo 1 of 1 : SP\_2018\_RD0900\_230\_10\_20180301\_00006.jpg



USACE 2013 Photo #1

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/13/2018 03/13/2018	Dave Torres

LM Start	2.55	Rating **	M	Issue No.	9
LM End	2.64	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.551319 °	38.550090 °
				-121.514423 °	-121.513983 °
DWR ID	DWR_RD0900_01_s_2016_9				
Comment Code					
Inspector Comment					
1997 - Low berm is contributing to erosion. Old timber pile dikes above water parallel to bank. The upstream mitigation low berm causes a flow separation at the site. 1999 - Some new localized erosion with less than one foot of bank retreat. 2000 - Some new erosion at the upstream end. Fat toe deposits at toe. 2003 - Some new erosion upstream, but have a wide berm. 2011 - Minor new erosion at toe. 2015: No observed changes. [2015 Site ID: SAC 56-5 R]					

Photo 1 of 1 : SP\_2018\_RD0900\_230\_9\_20180301\_00005.jpg



USACE 2013 Photo #1

LM Start	2.57	Rating **	A/W	Issue No.	57
LM End	2.57	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.550965 °	38.550965 °
				-121.514795 °	-121.514795 °
DWR ID	DWR_RD0900_01_f_2017_57				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
The contractor (AECOM) is constructing the setback levee, and they cut down the trees in this area. They are planning on putting some riprap on this erosion site soon.					

Photo 1 of 2 : SP\_2018\_RD0900\_230\_57\_20180301\_00012.jpg



View of the existing erosion site on the waterside berm of the levee. Fall 2017

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/13/2018 03/13/2018	Dave Torres

LM Start	2.57	Rating **	A/W	Issue No.	57 (cont)	
LM End	2.57	Issue Type +	Ob	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.550965 °		38.550965 °
				-121.514795 °		-121.514795 °
DWR ID	DWR_RD0900_01_f_2017_57					
Comment Code						
E1 : Note and monitor erosion site.						
Inspector Comment						
The contractor (AECOM) is constructing the setback levee, and they cut down the trees in this area. They are planning on putting some riprap on this erosion site soon.						

Photo 2 of 2 : SP\_2018\_RD0900\_230\_57\_20180301\_00013.jpg



The contractor is planning on placing riprap in this area. This picture was taken from the waterside berm of the levee looking upstream. Fall 2017

LM Start	3.27	Rating **	M	Issue No.	2
LM End	3.48	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.541246 °	38.538689 °
				-121.513561 °	-121.515916 °
DWR ID	DWR_RD0900_01_s_2016_2				
Comment Code					
Inspector Comment					
2008 - Erosion into levee toe. Over steepened levee slope, worst at the upstream end. 2009 - Near vertical banks from rotational slumping, hidden by vegetation. 2010 - Boat sinking more, may be causing eddy scour around it. Difficult to see the vertical slumps due to dense vegetation. 2011 - Minor new erosion at the toe. The paddleboat that was sitting at this site for years has been removed. 2012 - Site extended upstream due to additional erosion. 2015: No observed changes. [2015 Site ID: SAC 55-7 R]					

Photo 1 of 1 : SP\_2018\_RD0900\_230\_2\_20180301\_00002.jpg



USACE 2013 Photo #1

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/13/2018 03/13/2018	Dave Torres

LM Start	<b>3.32</b>	Rating **	M	Issue No.	<b>357</b>
LM End	<b>3.32</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.540803 °	38.540803 °	
			-121.514255 °	-121.514255 °	
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:37668  
 DS\_ID:17769  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: 02/26/2018 Pipe is located within the construction limits of the Levee Improvement Project for RD0900, As-builts PENDING Project Completion. -- UNDER CONSTRUCTION Levee Improvement Project, construction schedule Summer 2016 to November 2018. Levee improvements address through seepage, underseepage and slope stability and include strengthen-in-place improvements and construction of a setback levee. Reference: [Issued FOR CONSTRUCTION] West Sacramento Area Flood Control Agency Southport Levee Improvement Project Early Implementation Program. Southport Sacramento River Levee: (Stat 3+90 to Station 287+57). Volume 3 (W.O. # 41164) December 2016 Conformed Submittal. HDR Engineering Inc. Folsom, CA – (DWR UCIP – O. Magana)  
 10/06/2009 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana)  
 FIELD\_STRUCT\_DESC: 24-inch pipe through the levee, 22.0 feet below the crown. Pump house at the landside (LS) toe. Screw gate in LS of the levee.  
 Additional Reference(s): USACE Sacramento O&M Manual Unit No. 116, August 1955, revised 2011, (USGS River Mile [RM] 55.65), As-built drawing# 6-13-1100 page 3, January 1933]  
 FS Date: 10/6/2009

LM Start	<b>3.32</b>	Rating **	M	Issue No.	<b>357 (cont)</b>
LM End	<b>3.32</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_SP\_2018\_37668\_68391.jpg



View of concrete structure located on landward side.

Photo 2 of 3 : UCIP\_SP\_2018\_37668\_68390.jpg



Pump house located on landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/13/2018 03/13/2018	Dave Torres

LM Start	3.32	Rating **	M	Issue No.	357 (cont)	
LM End	3.32	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.540803 °	38.540803 °	
				-121.514255 °	-121.514255 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37668 DS_ID:17769 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/26/2018 Pipe is located within the construction limits of the Levee Improvement Project for RD0900, As-builts PENDING Project Completion. -- UNDER CONSTRUCTION Levee Improvement Project, construction schedule Summer 2016 to November 2018. Levee improvements address through seepage, underseepage and slope stability and include strengthen-in-place improvements and construction of a setback levee. Reference: [Issued FOR CONSTRUCTION] West Sacramento Area Flood Control Agency Southport Levee Improvement Project Early Implementation Program. Southport Sacramento River Levee: (Stat 3+90 to Station 287+57). Volume 3 (W.O. # 41164) December 2016 Conformed Submittal. HDR Engineering Inc. Folsom, CA – (DWR UCIP – O. Magana) 10/06/2009 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 24-inch pipe through the levee, 22.0 feet below the crown. Pump house at the landside (LS) toe. Screw gate in LS of the levee. Additional Reference(s): USACE Sacramento O&M Manual Unit No. 116, August 1955, revised 2011, (USGS River Mile [RM] 55.65), As-built drawing# 6-13-1100 page 3, January 1933] FS Date: 10/6/2009						

Photo 3 of 3 : UCIP\_SP\_2018\_37668\_68389.jpg



Pipe visible on waterward side visible through dense vegetation.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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## Levee Inspection Report By Mile - Spring 2018

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/13/2018 03/13/2018	Dave Torres

LM Start	<b>3.41</b>	Rating **	M	Issue No.	<b>4 (cont)</b>
LM End	<b>3.41</b>	Issue Type +	Ma	Location *	WS

A photograph of a wooded area with a dirt path, trees, and a log in the foreground. A date stamp '04/05/2016' is visible in the bottom right corner.

A photograph showing a steep, eroded bank. The soil is dark and appears to be composed of fine particles, possibly silt or clay, with visible vertical erosion marks and exposed tree roots. The top of the bank is covered with green grass and several trees with dense foliage. A date stamp '04/02/2014' is visible in the bottom right corner of the image.

LM Start	<b>4.04</b>	Rating **	M	Issue No.	<b>327</b>					
LM End	<b>4.04</b>	Issue Type +	Ma	Location *	LS					
Category	Earthen Levee			GPS Latitude/Longitude						
				Start	End					
Item	Encroachments			38.534759 °	38.534759 °					
				-121.524902 °	-121.524902 °					
DWR ID	DWR_RD0900_01_s _ 2012_327									
Comment Code										
DE : Debris										
Inspector Comment										

* Location	** Rating	+ Issue Type
LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/13/2018 03/13/2018	Dave Torres

LM Start	4.10	Rating **	M	Issue No.	54
LM End	4.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.534364 °	38.534364 °
				-121.526051 °	-121.526051 °
DWR ID	DWR_RD0900_01_s_2012_54				
Comment Code					
DE : Debris					
Inspector Comment					
Concrete debris with metal posing a safety risk.					

Photo 1 of 1 : SP\_2018\_RD0900\_230\_54\_20180301\_00011.jpg



View of concrete debris with metal looking upstream.

LM Start	4.26	Rating **	U	Issue No.	20
LM End	4.26	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.533274 °	38.533274 °
				-121.528628 °	-121.528628 °
DWR ID	DWR_RD0900_01_s_2012_20				
Comment Code					
BU : Building					
Inspector Comment					
Miscellaneous unpermitted encroachments at the Sherwood Harbor. An encroachment permit application is being reviewed by RD900.					

Photo 1 of 1 : SP\_2018\_RD0900\_230\_20\_20180301\_00010.jpg



View of Sherwood harbor's unpermitted properties on the waterside of the levee. The picture was taken from the crown looking upstream.

LM Start	4.75	Rating **	M	Issue No.	47
LM End	4.75	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.527253 °	38.527253 °
				-121.531783 °	-121.531783 °
DWR ID	DWR_RD0900_01_s_2012_47				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/13/2018 03/13/2018	Dave Torres

LM Start	<b>4.80</b>	Rating **	M	Issue No.	<b>48</b>
LM End	<b>4.99</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.526684 °	38.524505 °	
			-121.531221 °	-121.529316 °	
DWR ID	DWR_RD0900_01_s_2012_48				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

LM Start	<b>4.95</b>	Rating **	M	Issue No.	<b>330</b>
LM End	<b>4.95</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.524898 °	38.524898 °	
			-121.529674 °	-121.529674 °	
DWR ID	DWR_RD0900_01_s_2012_330				
Comment Code					
DE : Debris					
Inspector Comment					

Photo 1 of 1 : SP\_2018\_RD0900\_230\_330\_20180301\_00016.jpg



Concrete anchor was found on the waterside slope of the levee looking upstream.

LM Start	<b>5.02</b>	Rating **	M	Issue No.	<b>49</b>
LM End	<b>5.23</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.524116 °	38.522004 °	
			-121.528883 °	-121.526141 °	
DWR ID	DWR_RD0900_01_s_2012_49				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/13/2018 03/13/2018	Dave Torres

LM Start	<b>5.03</b>	Rating **	M	Issue No.	<b>22</b>
LM End	<b>5.03</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.524054 °	38.524054 °
				-121.528724 °	-121.528724 °
DWR ID	DWR_RD0900_01_s _ 2018_22				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	<b>5.26</b>	Rating **	M	Issue No.	<b>50</b>
LM End	<b>5.33</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.521633 °	38.520659 °
				-121.525884 °	-121.525474 °
DWR ID	DWR_RD0900_01_s _ 2012_50				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

LM Start	<b>5.37</b>	Rating **	M	Issue No.	<b>51</b>
LM End	<b>5.37</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.520097 °	38.520097 °
				-121.525637 °	-121.525637 °
DWR ID	DWR_RD0900_01_s _ 2012_51				
Comment Code					
PO : Pole					
Inspector Comment					
2 poles on the landward shoulder.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/13/2018 03/13/2018	Dave Torres

LM Start	5.39	Rating **	M	Issue No.	334
LM End	5.39	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.520022 °	38.520022 °
				-121.525898 °	-121.525898 °
DWR ID	DWR_RD0900_01_s_2012_334				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

LM Start	7.00	Rating **	M	Issue No.	24
LM End	7.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.513834 °	38.513556 °
				-121.554017 °	-121.554283 °
DWR ID	DWR_RD0900_01_s_2018_24				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP\_2018\_RD0900\_230\_24\_20180314\_00024.jpg



Vegetation waterside looking north.

LM Start	7.10	Rating **	M	Issue No.	343
LM End	7.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.512642 °	38.512642 °
				-121.554881 °	-121.554881 °
DWR ID	DWR_RD0900_01_s_2012_343				
Comment Code					
DE : Debris					
Inspector Comment					
Concrete debris from old railroad track.					

Photo 1 of 1 : SP\_2018\_RD0900\_230\_343\_20180301\_00017.jpg



Concrete debris from old rail road track was found on the landside of the levee looking upstream.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/13/2018 03/13/2018	Dave Torres

LM Start	<b>7.10</b>	Rating **	M	Issue No.	<b>358</b>
LM End	<b>7.10</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.512546 °	38.512546 °	
			-121.554843 °	-121.554843 °	
DWR ID					
Comment Code					
Inspector Comment					
<p>FS_ID:39786  DS_ID:17801  EP_NO: N/A  Repair Type: Non-Urgent  Crossing Status: Not Found  UCIP Comments: 02/26/2018 Pipe is located within the construction limits of the Levee Improvement Project for RD0900, As-builts PENDING Project Completion. -- UNDER CONSTRUCTION Levee Improvement Project, construction schedule Summer 2016 to November 2018. Levee improvements address through seepage, underseepage and slope stability and include strengthen-in-place improvements and construction of a setback levee. Reference: [Issued FOR CONSTRUCTION] West Sacramento Area Flood Control Agency Southport Levee Improvement Project Early Implementation Program. Southport Sacramento River Levee: (Stat 3+90 to Station 287+57). Volume 3 (W.O. # 41164) December 2016 Conformed Submittal. HDR Engineering Inc. Folsom, CA – (DWR UCIP – O. Magana) 10/06/2009 REDO---Additional crossing found during desk study after field visit. (DWR UCIP - O. Magana)  FIELD_STRUCT_DESC: 8-inch pipe of unknown purpose through the levee crown at an unknown depth. Gate valve located on the waterside (WS) of the levee. [Additional Reference(s): USACE Sacramento O&amp;M Manual Unit No. 116, August 1955, revised 2011, (USGS River Mile [RM] 52.00), As-built drawing# 6-13-1100 page 4, January 1933]  FS Date: 10/6/2009</p>					

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/13/2018 03/13/2018	Dave Torres

LM Start	<b>7.27</b>	Rating **	M	Issue No.	<b>359</b>
LM End	<b>7.27</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.510264 °	38.510264 °	
			-121.556093 °	-121.556093 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39787 DS_ID:17800 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 02/26/2018 Pipe is located within the construction limits of the Levee Improvement Project for RD0900, As-builts PENDING Project Completion. -- UNDER CONSTRUCTION Levee Improvement Project, construction schedule Summer 2016 to November 2018. Levee improvements address through seepage, underseepage and slope stability and include strengthen-in-place improvements and construction of a setback levee. Reference: [Issued FOR CONSTRUCTION] West Sacramento Area Flood Control Agency Southport Levee Improvement Project Early Implementation Program. Southport Sacramento River Levee: (Stat 3+90 to Station 287+57). Volume 3 (W.O. # 41164) December 2016 Conformed Submittal. HDR Engineering Inc. Folsom, CA – (DWR UCIP – O. Magana) 10/06/2009 REDO---Additional crossing found during desk study after field visit. FIELD_STRUCT_DESC: Two 1/2-inch domestic water supply pipe through the levee at an unknown depth below the crown. [Additional Reference(s): USACE Sacramento O&M Manual Unit No. 116, August 1955, revised 2011, (USGS River Mile [RM] 51.82), As-built drawing# 6-13-1100 page 4, January 1933] FS Date: 10/6/2009					

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/13/2018 03/13/2018	Dave Torres

LM Start	<b>7.27</b>	Rating **	M	Issue No.	<b>360</b>
LM End	<b>7.27</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.510264 °	38.510264 °	
			-121.556093 °	-121.556093 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39788 DS_ID:17851 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 02/26/2018 Pipe is located within the construction limits of the Levee Improvement Project for RD0900, As-builts PENDING Project Completion. -- UNDER CONSTRUCTION Levee Improvement Project, construction schedule Summer 2016 to November 2018. Levee improvements address through seepage, underseepage and slope stability and include strengthen-in-place improvements and construction of a setback levee. Reference: [Issued FOR CONSTRUCTION] West Sacramento Area Flood Control Agency Southport Levee Improvement Project Early Implementation Program. Southport Sacramento River Levee: (Stat 3+90 to Station 287+57). Volume 3 (W.O. # 41164) December 2016 Conformed Submittal. HDR Engineering Inc. Folsom, CA – (DWR UCIP – O. Magana) 10/06/2009 REDO---Additional crossing found during desk study after field visit. FIELD_STRUCT_DESC: Two 0.5-inch domestic water supply pipe through the levee at an unknown depth below the crown. [Additional Reference(s): USACE Sacramento O&M Manual Unit No. 116, August 1955, revised 2011, (USGS River Mile [RM] 51.82), As-built drawing# 6-13-1100 page 4, January 1933] FS Date: 10/6/2009					

No Photos

LM Start	<b>7.47</b>	Rating **	M	Issue No.	<b>59</b>
LM End	<b>7.47</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.507648 °	38.507648 °	
			-121.557571 °	-121.557571 °	
DWR ID	DWR_RD0900_01_f_2012_59				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Arrundo growth on the waterside slope of the levee.					

Photo 1 of 1 : SP\_2018\_RD0900\_230\_59\_20180301\_00014.jpg



View of the arundo on the waterside of the levee during spring 2017 inspection.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/13/2018 03/13/2018	Dave Torres

LM Start	7.78	Rating **	M	Issue No.	15
LM End	7.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.503490 °	38.503490 °
				-121.559770 °	-121.559770 °
DWR ID	DWR_RD0900_01_f_2013_15				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Arrundo on the waterside					

Photo 1 of 2 : SP\_2018\_RD0900\_230\_15\_20180301\_00007.jpg



Updated picture of the arundo on the waterside of the levee during spring 2016 inspection.

LM Start	<b>7.78</b>	Rating **	M	Issue No.	<b>15 (cont)</b>
LM End	<b>7.78</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP\_2018\_RD0900\_230\_15\_20180301\_00008.jpg



View of arundo on the waterside of the levee looking downstream.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2018 Levee Inspection Results**

**Reclamation District No. 0900 West Sacramento**

Waterway			Bank	Unit Miles
Unit No. 02 Yolo Bypass			Left	5.26
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/13/2018 - 4/12/2018			
DWR Inspector	Dave Torres			
Accompanied By	Chris Fogel RD 900			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	0.87	Rating **	M	Issue No.	46
LM End	0.87	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.574732 °	38.574732 °
				-121.580124 °	-121.580124 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41825 DS_ID:17862 EP_NO: 2444 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Records show 3 gas lines in general area--unable to confirm alignment and status of crossing. Markers visible in general area are for Kinder Morgan and not the owner listed on permit. Need to contact owner to clarify if crossing is still present and if so determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: 16-inch high pressure steel gas line through the levee, 3.0 feet below the levee crown. (16-inch pipe authorized under Permit No. 2444, 1956 - Pacific Gas and Electric Company [PG&E]) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009					

Photo 1 of 3 : UCIP\_SP\_2018\_41825\_72725.jpg



View of levee crown near marker.

LM Start	<b>0.87</b>	Rating **	M	Issue No.	<b>46 (cont)</b>
LM End	<b>0.87</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2018\_41825\_72724.jpg



Marker of petroleum pipeline unable to confirm permit--there are 3 gas line in desk study records for gas line but none for Kinder Morgan.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	0.87	Rating **	M	Issue No.	46 (cont)	
LM End	0.87	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.574732 °	38.574732 °	
				-121.580124 °	-121.580124 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41825						
DS_ID:17862						
EP_NO: 2444						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Records show 3 gas lines in general area--unable to confirm alignment and status of crossing. Markers visible in general area are for Kinder Morgan and not the owner listed on permit. Need to contact owner to clarify if crossing is still present and if so determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition.						
FIELD_STRUCT_DESC: 16-inch high pressure steel gas line through the levee, 3.0 feet below the levee crown. (16-inch pipe authorized under Permit No. 2444, 1956 - Pacific Gas and Electric Company [PG&E]) [Additional Reference(s): DWR Levee Log, 2003]						
FS Date: 10/5/2009						

Photo 3 of 3 : UCIP\_SP\_2018\_41825\_72723.jpg



Additional marker visible on landward side--unable to confirm if line is tied to other marker near levee shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	0.87	Rating **	M	Issue No.	47
LM End	0.87	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.574732 °	38.574732 °
				-121.580124 °	-121.580124 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:41826  
DS\_ID:17874  
EP\_NO: 17739  
Repair Type: Non-Urgent  
Crossing Status: Indicator Found  
UCIP Comments: Records show 3 gas lines in general area--unable to confirm alignment and status of crossing. Markers visible in general area are for Kinder Morgan and not the owner listed on permit. Need to contact owner to clarify if crossing is still present and if so determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition.  
FIELD\_STRUCT\_DESC: 20-inch petroleum pipeline across and under (bored) Willow Slough and its west levee, across (trenched) the Yolo bypass, and across and under (bored) toe drain and east levee. (20-inch pipe authorized under Permit No. 17739, 2004 - Paragon Partners Ltd.; name change authorized under Permit No. 17739-Rev, 2004 - SFPP, L.P., a Delaware Limited Partnership c/o Paragon Partners Ltd)  
FS Date: 10/5/2009

LM Start	<b>0.87</b>	Rating **	M	Issue No.	<b>47 (cont)</b>
LM End	<b>0.87</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2018\_41826\_72722.jpg



View of levee crown near marker.

Photo 2 of 3 : UCIP\_SP\_2018\_41826\_72721.jpg



Marker of petroleum pipeline unable to confirm permit--there are 3 gas line in desk study records for gas line but none for Kinder Morgan.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	1.05	Rating **	M	Issue No.	48
LM End	1.05	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572973 °	38.572973 °
				-121.582230 °	-121.582230 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41824 DS_ID:17861 EP_NO: 11539 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Records show 3 gas lines in general area--unable to confirm alignment and status of crossing. Markers visible in general area are for Kinder Morgan and not the owner listed on permit. Need to contact owner to clarify if crossing is still present and if so determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: 16-inch steel gas line through the levee, 3.5 feet below the levee crown. (16-inch pipe authorized under Permit No. 11539, 1977 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009					

Photo 1 of 3 : UCIP\_SP\_2018\_41824\_72728.jpg



View of levee crown near marker visible on landward shoulder.

LM Start	1.05	Rating **	M	Issue No.	48 (cont)
LM End	1.05	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2018\_41824\_72727.jpg



Marker of petroleum pipeline unable to confirm permit--there are 3 gas line in desk study records for gas line but none for Kinder Morgan.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	1.05	Rating **	M	Issue No.	48 (cont)	
LM End	1.05	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.572973 °	38.572973 °	
				-121.582230 °	-121.582230 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41824 DS_ID:17861 EP_NO: 11539 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Records show 3 gas lines in general area--unable to confirm alignment and status of crossing. Markers visible in general area are for Kinder Morgan and not the owner listed on permit. Need to contact owner to clarify if crossing is still present and if so determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: 16-inch steel gas line through the levee, 3.5 feet below the levee crown. (16-inch pipe authorized under Permit No. 11539, 1977 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009						

Photo 3 of 3 : UCIP\_SP\_2018\_41824\_72726.jpg



View of additional marker visible on landward side.

LM Start	1.06	Rating **	M	Issue No.	49
LM End	1.06	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572859 °	38.572859 °
				-121.582225 °	-121.582225 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37906 DS_ID:17872 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee at an unknown depth below the levee crown. Slide gate is located on waterside (WS). [Additional Reference(s): USACE Sacramento O&M Manual Unit No. 116, August 1955, revised 2011, (Station 3+90)] FS Date: 10/5/2009					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	1.06	Rating **	M	Issue No.	50	
LM End	1.06	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.572845 °	38.572845 °	
				-121.582224 °	-121.582224 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37907						
DS_ID:17873						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Not Found						
UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009.						
FIELD_STRUCT_DESC: 14-feet by 27-feet concrete box, no additional information is available on this structure. [Additional Reference(s): USACE Sacramento O&M Manual Unit No. 116, August 1955, revised 2011, (Station 3+90)]						
FS Date: 10/5/2009						

No Photos

LM Start	1.06	Rating **	M	Issue No.	51	
LM End	1.06	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.572813 °	38.572813 °	
				-121.582221 °	-121.582221 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37908						
DS_ID:17860						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Not Found						
UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009.						
FIELD_STRUCT_DESC: *ABANDONED* 54-inch irrigation pipe through the levee, 30 feet below the levee crown. Slide gate in riser and pump platform are located on the waterside (WS). [Additional Reference(s): DWR Levee Log, 2003]						
FS Date: 10/5/2009						

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	<b>1.06</b>	Rating **	M	Issue No.	<b>52</b>
LM End	<b>1.06</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.572773 °	38.572773 °	
			-121.582219 °	-121.582219 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37909 DS_ID:17857 EP_NO: 16721 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: [Causeway Pump House] 1 of 4. 30-inch steel pipe through the levee, 2 feet below the levee crown. (two 30-inch pipes and two 200-HP pumps, modify two existing 30-inch pipes, and replace two existing pipes with two 30-inch pipes authorized under Permit No. 16721, 1997 - Reclamation District No. 900 [RD0900]) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009					

No Photos

LM Start	<b>1.07</b>	Rating **	M	Issue No.	<b>53</b>
LM End	<b>1.07</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.572746 °	38.572746 °	
			-121.582218 °	-121.582218 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37910 DS_ID:17889 EP_NO: 16721 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: [Causeway Pump House] 2 of 4. 30-inch steel pipe through the levee, 2 feet below the levee crown. (two 30-inch pipes and two 200-HP pumps, modify two existing 30-inch pipes, and replace two existing pipes with two 30-inch pipes authorized under Permit No. 16721, 1997 - Reclamation District No. 900 [RD0900]) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	<b>1.07</b>	Rating **	M	Issue No.	<b>54</b>
LM End	<b>1.07</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572627 °	38.572627 °
				-121.582214 °	-121.582214 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37911 DS_ID:17892 EP_NO: 16721 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: [Causeway Pump House] 3 of 4. 30-inch steel pipe through the levee, 2 feet below the levee crown. (two 30-inch pipes and two 200-HP pumps, modify two existing 30-inch pipes, and replace two existing pipes with two 30-inch pipes authorized under Permit No. 16721, 1997 - Reclamation District No. 900 [RD0900]) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009					

No Photos

LM Start	<b>1.08</b>	Rating **	M	Issue No.	<b>55</b>
LM End	<b>1.08</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572607 °	38.572607 °
				-121.582215 °	-121.582215 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37912 DS_ID:17893 EP_NO: 16721 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: [Causeway Pump House] 4 of 4. 30-inch steel pipe through the levee, 2 feet below the levee crown. (two 30-inch pipes and two 200-HP pumps, modify two existing 30-inch pipes, and replace two existing pipes with two 30-inch pipes authorized under Permit No. 16721, 1997 - Reclamation District No. 900 [RD0900]) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	<b>1.08</b>	Rating **	M	Issue No.	<b>56</b>
LM End	<b>1.08</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.572587 °	38.572587 °	
			-121.582213 °	-121.582213 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37913 DS_ID:17894 EP_NO: 16721 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: *REMOVED* [Causeway Pump House] 30-inch steel drainage pipe through the levee, 2 feet below the levee crown. (two 30-inch pipes and two 200-HP pumps, modify two existing 30-inch pipes, and replace two existing pipes with two 30-inch pipes authorized under Permit No. 16721, 1997 - Reclamation District No. 900 [RD0900]) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009					

No Photos

LM Start	<b>1.08</b>	Rating **	M	Issue No.	<b>57</b>
LM End	<b>1.08</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.572570 °	38.572570 °	
			-121.582213 °	-121.582213 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37914 DS_ID:17895 EP_NO: 16721 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: *REMOVED* [Causeway Pump House] 30-inch steel drainage pipe through the levee, 2 feet below the levee crown. (two 30-inch pipes and two 200-HP pumps, modify two existing 30-inch pipes, and replace two existing pipes with two 30-inch pipes authorized under Permit No. 16721, 1997 - Reclamation District No. 900 [RD0900]) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	1.11	Rating **	M	Issue No.	58	
LM End	1.11	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.572166 °	38.572166 °	
				-121.582200 °	-121.582200 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37915 DS_ID:17859 EP_NO: 2721 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: [Drainage Pump Station] 1 of 2. 30-inch corrugated metal drainage pipe through the levee, 5.0 feet below the levee crown. Pump house and siphon breaker are located on the on the waterside (WS). (two 30-inch pipes at location 1 (drainage pump) and 36-inch pipe at location 2 (irrigation pump) authorized under Permit No. 2721 - Reclamation District No. 900 [RD0900]). [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009						

No Photos

LM Start	1.11	Rating **	M	Issue No.	59	
LM End	1.11	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.572166 °	38.572166 °	
				-121.582200 °	-121.582200 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37916 DS_ID:17858 EP_NO: 2721 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: [Drainage Pump Station] 2 of 2. 30-inch corrugated metal drainage pipe through the levee, 5.0 feet below the levee crown. Pump house and siphon breaker are located on the on the waterside (WS). (two 30-inch pipes at location 1, HLM 1.05, (drainage pump) and 36-inch pipe at location 2, HLM 3.68, (irrigation pump) authorized under Permit No. 2721 - Reclamation District No. 900 [RD0900]). [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009						

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	1.30	Rating **	A	Issue No.	17
LM End	1.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.569404 °	38.569404 °
				-121.582193 °	-121.582193 °
DWR ID	DWR_RD0900_02_s_2018_17				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
LMA is doing a good job with vegetation control.					

Photo 1 of 1 : SP\_2018\_RD0900\_231\_17\_20180314\_00050.jpg



Good vegetation control landside looking north.

LM Start	1.31	Rating **	M	Issue No.	5
LM End	1.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569258 °	38.569258 °
				-121.582232 °	-121.582232 °
DWR ID	DWR_RD0900_02_s_2012_5				
Comment Code					
BU : Building					
Inspector Comment					
Abandoned city water well at the landward toe.					

Photo 1 of 1 : SP\_2018\_RD0900\_231\_5\_20180301\_00001.jpg



View of the water well on the landside toe of the levee looking upstream.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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## Levee Inspection Report By Mile - Spring 2018

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	<b>3.23</b>	Rating **	M	Issue No.	<b>60 (cont)</b>
LM End	<b>3.23</b>	Issue Type +	En	Location *	

A gravel road stretches from the foreground towards a body of water in the distance. On the right side of the road, there is a metal signpost with a rectangular sign that appears to be blank or faded. The landscape is arid with dry grass and a few scattered trees. The sky is clear and blue.

Pump station located on waterward side.

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	3.23	Rating **	M	Issue No.	60 (cont)	
LM End	3.23	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.541353 °	38.541353 °	
				-121.582202 °	-121.582202 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37770 DS_ID:17885 EP_NO: 17070 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. FIELD_STRUCT_DESC: [Southport Business Park Storm Water Pump Station] 1 of 5. 30-inch steel drainage pipe through the levee, 2 feet below the levee crown. (12-inch pipe and four 30-inch pipes authorized under Permit No. 17070, 2000 - Reclamation District No. 900) FS Date: 10/5/2009						

Photo 3 of 3 : UCIP\_SP\_2018\_37770\_68624.jpg



House structure located on waterward side.

LM Start	3.23	Rating **	M	Issue No.	61
LM End	3.23	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.541330 °	38.541330 °
				-121.582201 °	-121.582201 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37766 DS_ID:17876 EP_NO: 17070 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. FIELD_STRUCT_DESC: [Southport Business Park Storm Water Pump Station] 2 of 5. 30-inch steel drainage pipe through the levee, 2 feet below the levee crown. (12-inch pipe and four 30-inch pipes authorized under Permit No. 17070, 2000 - Reclamation District No. 900) FS Date: 10/5/2009					

Photo 1 of 3 : UCIP\_SP\_2018\_37766\_68620.jpg



View of levee crown at crossing.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	3.23	Rating **	M	Issue No.	61 (cont)	
LM End	3.23	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.541330 °		38.541330 °
				-121.582201 °		-121.582201 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37766 DS_ID:17876 EP_NO: 17070 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. FIELD_STRUCT_DESC: [Southport Business Park Storm Water Pump Station] 2 of 5. 30-inch steel drainage pipe through the levee, 2 feet below the levee crown. (12-inch pipe and four 30-inch pipes authorized under Permit No. 17070, 2000 - Reclamation District No. 900) FS Date: 10/5/2009						

LM Start	<b>3.23</b>	Rating **	M	Issue No.	<b>61 (cont)</b>
LM End	<b>3.23</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2018\_37766\_68619.jpg



Concrete pad with pumps located on landward side.

Photo 3 of 3 : UCIP\_SP\_2018\_37766\_68618.jpg



House structure located on landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	3.23	Rating **	M	Issue No.	62
LM End	3.23	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.541311 °	38.541311 °
				-121.582201 °	-121.582201 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37778 DS_ID:17888 EP_NO: 17070 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. FIELD_STRUCT_DESC: [Southport Business Park Storm Water Pump Station] 3 of 5. 12-inch steel drainage pipe through the levee, 2 feet below the levee crown. (12-inch pipe and four 30-inch pipes authorized under Permit No. 17070, 2000 - Reclamation District No. 900) FS Date: 10/5/2009					

Photo 1 of 3 : UCIP\_SP\_2018\_37778\_68650.jpg



View of levee crown at crossing.

LM Start	<b>3.23</b>	Rating **	M	Issue No.	<b>62 (cont)</b>
LM End	<b>3.23</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2018\_37778\_68649.jpg



Pump station located on landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	3.23	Rating **	M	Issue No.	62 (cont)	
LM End	3.23	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.541311 °	38.541311 °	
				-121.582201 °	-121.582201 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37778						
DS_ID:17888						
EP_NO: 17070						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure.						
FIELD_STRUCT_DESC: [Southport Business Park Storm Water Pump Station] 3 of 5. 12-inch steel drainage pipe through the levee, 2 feet below the levee crown. (12-inch pipe and four 30-inch pipes authorized under Permit No. 17070, 2000 - Reclamation District No. 900)						
FS Date: 10/5/2009						

Photo 3 of 3 : UCIP\_SP\_2018\_37778\_68648.jpg



House structure located on landward side.

LM Start	3.24	Rating **	M	Issue No.	63	
LM End	3.24	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.541290 °	38.541290 °	
				-121.582201 °	-121.582201 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37780 DS_ID:17887 EP_NO: 17070 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. FIELD_STRUCT_DESC: [Southport Business Park Storm Water Pump Station] 4 of 5. 30-inch steel drainage pipe through the levee, 2 feet below the levee crown. (12-inch pipe and four 30-inch pipes authorized under Permit No. 17070, 2000 - Reclamation District No. 900) FS Date: 10/5/2009						

Photo 1 of 3 : UCIP\_SP\_2018\_37780\_68662.jpg



View of levee crown at crossing.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	3.24	Rating **	M	Issue No.	63 (cont)	
LM End	3.24	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.541290 °		38.541290 °
				-121.582201 °		-121.582201 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37780 DS_ID:17887 EP_NO: 17070 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. FIELD_STRUCT_DESC: [Southport Business Park Storm Water Pump Station] 4 of 5. 30-inch steel drainage pipe through the levee, 2 feet below the levee crown. (12-inch pipe and four 30-inch pipes authorized under Permit No. 17070, 2000 - Reclamation District No. 900) FS Date: 10/5/2009						

LM Start	<b>3.24</b>	Rating **	M	Issue No.	<b>63 (cont)</b>
LM End	<b>3.24</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2018\_37780\_68661.jpg



Pump station located on landward side.

Photo 3 of 3 : UCIP\_SP\_2018\_37780\_68660.jpg



Structure located next to pump station visible on landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	3.24	Rating **	M	Issue No.	64
LM End	3.24	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.541265 °	38.541265 °
				-121.582200 °	-121.582200 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37781 DS_ID:17886 EP_NO: 17070 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. FIELD_STRUCT_DESC: [Southport Business Park Storm Water Pump Station] 5 of 5. 30-inch steel drainage pipe through the levee, 2 feet below the levee crown. (12-inch pipe and four 30-inch pipes authorized under Permit No. 17070, 2000 - Reclamation District No. 900) FS Date: 10/5/2009					

Photo 1 of 3 : UCIP\_SP\_2018\_37781\_68676.jpg



View of levee crown at crossing.

LM Start	<b>3.24</b>	Rating **	M	Issue No.	<b>64 (cont)</b>
LM End	<b>3.24</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2018\_37781\_68675.jpg



Pump station located on landward side, photo 1 of 2.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	3.24	Rating **	M	Issue No.	64 (cont)
LM End	3.24	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.541265 °	38.541265 °
				-121.582200 °	-121.582200 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37781 DS_ID:17886 EP_NO: 17070 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. FIELD_STRUCT_DESC: [Southport Business Park Storm Water Pump Station] 5 of 5. 30-inch steel drainage pipe through the levee, 2 feet below the levee crown. (12-inch pipe and four 30-inch pipes authorized under Permit No. 17070, 2000 - Reclamation District No. 900) FS Date: 10/5/2009					

Photo 3 of 3 : UCIP\_SP\_2018\_37781\_68674.jpg



Pump station located on landward side, photo 2 of 2.

LM Start	3.26	Rating **	M	Issue No.	65
LM End	3.26	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.540959 °	38.540959 °
				-121.582224 °	-121.582224 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37785					
DS_ID:17856					
EP_NO: 2721A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Need to contact owner--crossing appears to no longer be in use. Abandoned pipe sections visible on landward side and damage to pump station on waterward side.					
FIELD_STRUCT_DESC: [Drainage Pump Station] 36-inch corrugated metal irrigation pipe through the levee, 3.0 feet below the levee crown. Pump house and siphon breaker are located on the on the waterside (WS). (two 30-inch pipes at location 1, HLM 1.05, (drainage pump) and 36-inch pipe at location 2, HLM 3.68, (irrigation pump) authorized under Permit No. 2721A - Reclamation District No. 900 [RD0900]). [Additional Reference(s): DWR Levee Log, 2003]					
FS Date: 10/5/2009					

Photo 1 of 3 : UCIP\_SP\_2018\_37785\_68693.jpg



View of pipe sections visible on landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	3.26	Rating **	M	Issue No.	65 (cont)	
LM End	3.26	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.540959 °		38.540959 °
				-121.582224 °		-121.582224 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37785						
DS_ID:17856						
EP_NO: 2721A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Need to contact owner--crossing appears to no longer be in use. Abandoned pipe sections visible on landward side and damage to pump station on waterward side.						
FIELD_STRUCT_DESC: [Drainage Pump Station] 36-inch corrugated metal irrigation pipe through the levee, 3.0 feet below the levee crown. Pump house and siphon breaker are located on the on the waterside (WS). (two 30-inch pipes at location 1, HLM 1.05, (drainage pump) and 36-inch pipe at location 2, HLM 3.68, (irrigation pump) authorized under Permit No. 2721A - Reclamation District No. 900 [RD0900]). [Additional Reference(s): DWR Levee Log, 2003]						
FS Date: 10/5/2009						

Photo 2 of 3 : UCIP\_SP\_2018\_37785\_68692.jpg



Concrete outlet visible on waterward side.

LM Start	<b>3.26</b>	Rating **	M	Issue No.	<b>65 (cont)</b>
LM End	<b>3.26</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_SP\_2018\_37785\_68691.jpg



View of pump house visible on waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	3.26	Rating **	M	Issue No.	15
LM End	3.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.540943 °	38.540943 °
				-121.582280 °	-121.582280 °
DWR ID	DWR_RD0900_02_s_2012_15				
Comment Code					
PI : Pipe					
Inspector Comment					
Recently removed waterward pump. Some pipe remains.					

Photo 1 of 1 : SP\_2018\_RD0900\_231\_15\_20180301\_00002.jpg



Abandon pipes and debris was found on the landside of the levee looking upstream.

LM Start	3.26	Rating **	A/W	Issue No.	40
LM End	5.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.540928 °	38.508969 °
				-121.581936 °	-121.581681 °
DWR ID	DWR_RD0900_02_f_2017_40				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:198					
Site Designation:RD 900-01					
Repair Type: Erosion					
Rating:Serious					
Field Date:6/6/2017					
Notes: LS, thorny vegetation is present at levee toe/canal. Light grass present along LS slope. Primary use of canal is for drainage, ranges in width 15-25; on average 20ft. RD rep. mentioned permitting has begun to replace drainage canal with 32in pipe for storm drainage to community. 8,600 LF of the LS levee has sloughing of the LS toe access road into drainage canal. There is no imminent threat of losing levee in next storm event. DWR inspector: LMA repaired two landside erosion sites (levee mile 5.26 and 4.63) during fall 2017 inspection.					

Photo 1 of 7 : LEVAL\_SP\_2018\_198\_189.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	3.26	Rating **	A/W	Issue No.	40 (cont)	
LM End	5.47	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.540928 °		38.508969 °
				-121.581936 °		-121.581681 °
DWR ID	DWR_RD0900_02_f_2017_40					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:198						
Site Designation:RD 900-01						
Repair Type: Erosion						
Rating:Serious						
Field Date:6/6/2017						
Notes: LS, thorny vegetation is present at levee toe/canal. Light grass present along LS slope. Primary use of canal is for drainage, ranges in width 15-25; on average 20ft. RD rep. mentioned permitting has begun to replace drainage canal with 32in pipe for storm drainage to community. 8,600 LF of the LS levee has sloughing of the LS toe access road into drainage canal. There is no imminent threat of losing levee in next storm event. DWR inspector: LMA repaired two landside erosion sites (levee mile 5.26 and 4.63) during fall 2017 inspection.						

LM Start	<b>3.26</b>	Rating **	A/W	Issue No.	<b>40 (cont)</b>
LM End	<b>5.47</b>	Issue Type +	Ma	Location *	

Photo 6 of 7 : SP\_2018\_RD0900\_231\_40\_20180301\_00008.jpg



View of a repaired slope instability site on the landside of the levee looking upstream on levee mile 4.63 (38.52111, -121.582148). Fall 2017

Photo 7 of 7 : SP\_2018\_RD0900\_231\_40\_20180301\_00009.jpg



View of a repaired slope instability site on the landside of the levee looking downstream on levee mile 4.63 (38.52111, -121.582148). Fall 2017

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	4.96	Rating **	M	Issue No.	66	
LM End	4.96	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.516274 °	38.516274 °	
				-121.582198 °	-121.582198 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37890 DS_ID:17880 EP_NO: 18116 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Under construction Oct-2009. Need updated photos of completed structure. FIELD_STRUCT_DESC: [West Sacramento Main Darin Pump Station] 1 of 4. 54-inch steel drainage pipe through the levee, 12.9 feet below the crown. Pump house is located on the landside (LS) and siphon breaker is located on the waterside (WS) slope. (four 54-inch pipes authorized under Permit No. 18116, 2007 - Reclamation District No. 900 [RD0900]; existing dual 48-inch pipes (60-inch pipes referenced in permit) removed; dual 48-inch pipes authorized under Permit No. 4257, 4257-A, 1963 - RD0900) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009						

LM Start	<b>4.96</b>	Rating **	M	Issue No.	<b>66 (cont)</b>
LM End	<b>4.96</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2018\_37890\_68941.jpg



Construction of structures in Oct-2009, photo 1 of 3.

Photo 2 of 3 : UCIP\_SP\_2018\_37890\_68940.jpg



Construction of structures in Oct-2009, photo 2 of 3.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	4.96	Rating **	M	Issue No.	66 (cont)	
LM End	4.96	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.516274 °	38.516274 °	
				-121.582198 °	-121.582198 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37890 DS_ID:17880 EP_NO: 18116 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Under construction Oct-2009. Need updated photos of completed structure. FIELD_STRUCT_DESC: [West Sacramento Main Darin Pump Station] 1 of 4. 54-inch steel drainage pipe through the levee, 12.9 feet below the crown. Pump house is located on the landside (LS) and siphon breaker is located on the waterside (WS) slope. (four 54-inch pipes authorized under Permit No. 18116, 2007 - Reclamation District No. 900 [RD0900]; existing dual 48-inch pipes (60-inch pipes referenced in permit) removed; dual 48-inch pipes authorized under Permit No. 4257, 4257-A, 1963 - RD0900) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009						

Photo 3 of 3 : UCIP\_SP\_2018\_37890\_68939.jpg



Construction of structures in Oct-2009, photo 3 of 3.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	4.96	Rating **	M	Issue No.	67	
LM End	4.96	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.516225 °	38.516225 °	
				-121.582194 °	-121.582194 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37891 DS_ID:17881 EP_NO: 18116 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Under construction Oct-2009. Need updated photos of completed structure. FIELD_STRUCT_DESC: [West Sacramento Main Darin Pump Station] 2 of 4. 54-inch steel drainage pipe through the levee, 12.9 feet below the crown. Pump house is located on the landside (LS) and siphon breaker is located on the waterside (WS) slope. (four 54-inch pipes authorized under Permit No. 18116, 2007 - Reclamation District No. 900 [RD0900]; existing dual 48-inch pipes (60-inch pipes referenced in permit) removed; dual 48-inch pipes authorized under Permit No. 4257, 4257-A, 1963 - RD0900) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009						

LM Start	<b>4.96</b>	Rating **	M	Issue No.	<b>67 (cont)</b>
LM End	<b>4.96</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2018\_37891\_68944.jpg



Construction of structures in Oct-2009, photo 1 of 3.

Photo 2 of 3 : UCIP\_SP\_2018\_37891\_68943.jpg



Construction of structures in Oct-2009, photo 2 of 3.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	4.96	Rating **	M	Issue No.	67 (cont)	
LM End	4.96	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.516225 °	38.516225 °	
				-121.582194 °	-121.582194 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37891 DS_ID:17881 EP_NO: 18116 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Under construction Oct-2009. Need updated photos of completed structure. FIELD_STRUCT_DESC: [West Sacramento Main Darin Pump Station] 2 of 4. 54-inch steel drainage pipe through the levee, 12.9 feet below the crown. Pump house is located on the landside (LS) and siphon breaker is located on the waterside (WS) slope. (four 54-inch pipes authorized under Permit No. 18116, 2007 - Reclamation District No. 900 [RD0900]; existing dual 48-inch pipes (60-inch pipes referenced in permit) removed; dual 48-inch pipes authorized under Permit No. 4257, 4257-A, 1963 - RD0900) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009						

Photo 3 of 3 : UCIP\_SP\_2018\_37891\_68942.jpg



Construction of structures in Oct-2009, photo 3 of 3.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	4.97	Rating **	M	Issue No.	68	
LM End	4.97	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.516175 °	38.516175 °	
				-121.582191 °	-121.582191 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37892						
DS_ID:17882						
EP_NO: 18116						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Under construction Oct-2009. Need updated photos of completed structure.						
FIELD_STRUCT_DESC: [West Sacramento Main Darin Pump Station]						
3 of 4. 54-inch steel drainage pipe through the levee, 12.9 feet below the crown. Pump house is located on the landside (LS) and siphon breaker is located on the waterside (WS) slope. (four 54-inch pipes authorized under Permit No. 18116, 2007 - Reclamation District No. 900 [RD0900]; existing dual 48-inch pipes (60-inch pipes referenced in permit) removed; dual 48-inch pipes authorized under Permit No. 4257, 4257-A, 1963 - RD0900) [Additional Reference(s): DWR Levee Log, 2003]						
FS Date: 10/5/2009						

LM Start	<b>4.97</b>	Rating **	M	Issue No.	<b>68 (cont)</b>
LM End	<b>4.97</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2018\_37892\_68947.jpg



Construction of structures in Oct-2009, photo 1 of 3.

Photo 2 of 3 : UCIP\_SP\_2018\_37892\_68946.jpg



Construction of structures in Oct-2009, photo 2 of 3.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	4.97	Rating **	M	Issue No.	68 (cont)	
LM End	4.97	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.516175 °		38.516175 °
				-121.582191 °		-121.582191 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37892						
DS_ID:17882						
EP_NO: 18116						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Under construction Oct-2009. Need updated photos of completed structure.						
FIELD_STRUCT_DESC: [West Sacramento Main Darin Pump Station]						
3 of 4. 54-inch steel drainage pipe through the levee, 12.9 feet below the crown. Pump house is located on the landside (LS) and siphon breaker is located on the waterside (WS) slope. (four 54-inch pipes authorized under Permit No. 18116, 2007 - Reclamation District No. 900 [RD0900]; existing dual 48-inch pipes (60-inch pipes referenced in permit) removed; dual 48-inch pipes authorized under Permit No. 4257, 4257-A, 1963 - RD0900) [Additional Reference(s): DWR Levee Log, 2003]						
FS Date: 10/5/2009						

Photo 3 of 3 : UCIP\_SP\_2018\_37892\_68945.jpg



Construction of structures in Oct-2009, photo 3 of 3.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	4.97	Rating **	M	Issue No.	69	
LM End	4.97	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.516141 °	38.516141 °	
				-121.582189 °	-121.582189 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37894 DS_ID:17883 EP_NO: 18116 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Under construction Oct-2009. Need updated photos of completed structure. FIELD_STRUCT_DESC: [West Sacramento Main Darin Pump Station] 4 of 4. 54-inch steel drainage pipe through the levee, 12.9 feet below the crown. Pump house is located on the landside (LS) and siphon breaker is located on the waterside (WS) slope. (four 54-inch pipes authorized under Permit No. 18116, 2007 - Reclamation District No. 900 [RD0900]; existing dual 48-inch pipes (60-inch pipes referenced in permit) removed; dual 48-inch pipes authorized under Permit No. 4257, 4257-A, 1963 - RD0900) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009						

LM Start	<b>4.97</b>	Rating **	M	Issue No.	<b>69 (cont)</b>
LM End	<b>4.97</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2018\_37894\_68953.jpg



Construction of structures in Oct-2009, photo 1 of 3.

Photo 2 of 3 : UCIP\_SP\_2018\_37894\_68952.jpg



Construction of structures in Oct-2009, photo 2 of 3.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	4.97	Rating **	M	Issue No.	69 (cont)	
LM End	4.97	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.516141 °	38.516141 °	
				-121.582189 °	-121.582189 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37894 DS_ID:17883 EP_NO: 18116 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Under construction Oct-2009. Need updated photos of completed structure. FIELD_STRUCT_DESC: [West Sacramento Main Darin Pump Station] 4 of 4. 54-inch steel drainage pipe through the levee, 12.9 feet below the crown. Pump house is located on the landside (LS) and siphon breaker is located on the waterside (WS) slope. (four 54-inch pipes authorized under Permit No. 18116, 2007 - Reclamation District No. 900 [RD0900]; existing dual 48-inch pipes (60-inch pipes referenced in permit) removed; dual 48-inch pipes authorized under Permit No. 4257, 4257-A, 1963 - RD0900) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009						

Photo 3 of 3 : UCIP\_SP\_2018\_37894\_68951.jpg



Construction of structures in Oct-2009, photo 3 of 3.

LM Start	5.01	Rating **	M	Issue No.	20
LM End	5.01	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515519 °	38.515519 °
				-121.582185 °	-121.582185 °
DWR ID	DWR_RD0900_02_s_2012_20				
Comment Code					
PO : Pole					
Inspector Comment					
2 power poles in the levee toe supplying power to the district pumping plant.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	5.04	Rating **	M	Issue No.	45
LM End	5.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515091 °	38.515091 °
				-121.582178 °	-121.582178 °
DWR ID	DWR_RD0900_02_f_2016_45				
Comment Code					
DE : Debris					
Inspector Comment					

Photo 1 of 1 : SP\_2018\_RD0900\_231\_45\_20180301\_00010.jpg



View of debris on the landside shoulder of the levee looking upstream.

LM Start	5.05	Rating **	M	Issue No.	21
LM End	5.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.514929 °	38.514929 °
				-121.582163 °	-121.582163 °
DWR ID	DWR_RD0900_02_s_2012_21				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

LM Start	5.09	Rating **	M	Issue No.	22
LM End	5.09	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.514384 °	38.514384 °
				-121.582113 °	-121.582113 °
DWR ID	DWR_RD0900_02_s_2012_22				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	<b>5.14</b>	Rating **	M	Issue No.	<b>23</b>
LM End	<b>5.14</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.513621 °	38.513621 °	
			-121.582144 °	-121.582144 °	
DWR ID	DWR_RD0900_02_s _ 2012_23				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

LM Start	<b>5.19</b>	Rating **	M	Issue No.	<b>24</b>
LM End	<b>5.19</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.512905 °	38.512905 °	
			-121.582124 °	-121.582124 °	
DWR ID	DWR_RD0900_02_s _ 2012_24				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

LM Start	<b>5.26</b>	Rating **	M	Issue No.	<b>25</b>
LM End	<b>5.26</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.511972 °	38.511972 °	
			-121.582071 °	-121.582071 °	
DWR ID	DWR_RD0900_02_s _ 2012_25				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	<b>5.32</b>	Rating **	M	Issue No.	<b>26</b>
LM End	<b>5.32</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.511066 °	38.511066 °	
			-121.582141 °	-121.582141 °	
DWR ID	DWR_RD0900_02_s _ 2012_26				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

LM Start	<b>5.38</b>	Rating **	M	Issue No.	<b>27</b>
LM End	<b>5.38</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.510195 °	38.510195 °	
			-121.582141 °	-121.582141 °	
DWR ID	DWR_RD0900_02_s _ 2012_27				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

LM Start	<b>5.44</b>	Rating **	M	Issue No.	<b>28</b>
LM End	<b>5.44</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.509284 °	38.509284 °	
			-121.582130 °	-121.582130 °	
DWR ID	DWR_RD0900_02_s _ 2012_28				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	5.51	Rating **	M	Issue No.	29
LM End	5.51	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.508378 °	38.508378 °
				-121.582153 °	-121.582153 °
DWR ID	DWR_RD0900_02_s _ 2012_29				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

LM Start	5.57	Rating **	M	Issue No.	30
LM End	5.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.507460 °	38.507460 °
				-121.582132 °	-121.582132 °
DWR ID	DWR_RD0900_02_s _ 2012_30				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

LM Start	5.63	Rating **	M	Issue No.	31
LM End	5.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.506586 °	38.506586 °
				-121.582130 °	-121.582130 °
DWR ID	DWR_RD0900_02_s _ 2012_31				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/13/2018 04/12/2018	Dave Torres

LM Start	<b>5.69</b>	Rating **	M	Issue No.	<b>32</b>
LM End	<b>5.69</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.505643 °	38.505643 °	
			-121.582159 °	-121.582159 °	
DWR ID	DWR_RD0900_02_s_2012_32				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee shoulder supplying power to the district pumping plant.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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